

Term-I

GREENWOOD PUBLIC SCHOOL
Sector-9, Gurugram
Revision Assignment (Half Yearly Examination)

(2017-18)

Name :
Class: X

Subject : Physics
Date :

1. What is electric current?
2. Define 1 Ohm.
3. We have a copper wire of resistance R . This wire is pulled so that its length is doubled. Find the new resistance of the wire in terms of its original resistance.
4. Name the type of magnetic field outside the current carrying solenoid.
5. State the factors on which magnetic field produced at the centre of a current carrying circular wire or loop depends.
6. What is galvanometer?
7. What is electromagnetic induction?
8. What is electric fuse? Where is it connected in a circuit?
9. What is short circuiting?
10. What is over loading? How can you avoid over loading?
11. Define refractive index of the material?
12. Define Snell's law?
13. What are the factors on which lateral shift depends?
14. A convex lens has focal length of 20 cm. At what distance from the lens should the object be placed so that the image is formed at 40 cm on the other side of the lens? Also state the nature of the image formed.
15. The magnification of an object is 2 times larger. A convex lens having focal length 20 cm, find the position and nature of image.